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**EUROPEAN PATENT APPLICATION**

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**B 01 J 39/06**

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㉘ **Column packing material and production thereof.**

㉘ Porous styrene-divinylbenzene copolymer particles having  $\text{SO}_3^-$  groups and counter ions for the  $\text{SO}_3^-$  groups, (a) at least one of  $\text{Ca}^{++}$  and  $\text{Sr}^{++}$  and (b) at least one of  $\text{Pb}^{++}$  and  $\text{Ba}^{++}$  in an equivalent ratio of (a)/(b) of 1 : 2 to 2 : 1, are an excellent liquid chromatographic column packing material suitable for separating sugars different in kind but similar in molecular weight.



European Patent  
Office

# EUROPEAN SEARCH REPORT

0104911  
Application number

EP 83 30 5698

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
A	US-A-3 044 905 (LEFEVRE) * Column 1, line 44 - column 2, line 46; column 6, claims *	1,8,10	G 01 N 30/48 B 01 J 20/26 B 01 J 39/06
A	--- US-A-4 024 331 (NEUZIL) * Column 10, lines 48-53; column 15, line 22 and lines 61-64 *	1,10	
A	--- US-A-4 014 711 (ODAWARA) * Column 2, lines 13-29 *	1	
A	--- US-A-3 416 961 (MOUNTFORT) * Column 2, lines 3-54 *	1,8,10	
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			TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
			B 01 J C 13 K G 01 N
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-11-1984	Examiner WENDLING J.P.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	